

Title (en)

MANUFACTURING METHOD OF AN OIL-IMPREGNATED SINTERED BEARING AND OIL-IMPREGNATED SINTERED BEARING

Title (de)

Herstellungsverfahren für ein gesintertes Ölimprägniertes Lager und gesintertes Ölimprägniertes Lager

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN PALIER FRITTÉ IMPRÉGNÉ D'HUILE ET PALIER FRITTÉ IMPRÉGNÉ D'HUILE

Publication

**EP 1860335 B1 20170726 (EN)**

Application

**EP 05806303 A 20051114**

Priority

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- JP 2005075940 A 20050316

Abstract (en)

[origin: EP1860335A1] There is provided an oil-impregnated sintered bearing which enable to prevent oil leakage from an outer peripheral surface 7 of an bearing body 2. The oil-impregnated sintered bearing 1 includes a bearing body 2 which is made of a porous sintered alloy containing vacancies 8 and has a bearing hole 3 in which a rotary shaft can be inserted, wherein the vacancies 8 opened on an outer peripheral surface 7 of the bearing body 2 are crushed. The vacancies 8 may be crushed in the state of a green compact P, or in the state of a sintered alloy after sintering the green compact P. Consequently, the oil leakage from the outer peripheral surface 7 of the bearing 1 can be prevented, and oil pressure in the bearing hole 3 can be preserved.

IPC 8 full level

**F16C 33/14** (2006.01)

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